

L Number	Hits	Search Text	DB	Time stamp
1	16875	250/208.1.ccls. 250/214.1.ccls. 250/214R.ccls. 250/227.11.ccls. 250/559.01.ccls. 257/80-82.ccls. 257/98-100.ccls. 257/432-434.ccls. 257/466.ccls. 257/680.ccls. 385/14.ccls. 385/18.ccls. 385/49-50.ccls.	USPAT; EPO; JPO; DERWENT	2003/04/08 10:11
6	64210	optic\$4 near5 (waveguid\$4 or wir\$3)	USPAT; EPO; JPO; DERWENT	2003/04/08 10:12
11	246970	(embed\$6 or surround\$5) near8 (waveguid\$5 or optic\$4 or light or region or portion)	USPAT; EPO; JPO; DERWENT	2003/04/08 10:14
16	167092	sphere or (spherical\$2 near5 (device or surface or substrate))	USPAT; EPO; JPO; DERWENT	2003/04/08 10:17
21	803217	electr\$4 near5 (device or wire or wiring)	USPAT; EPO; JPO; DERWENT	2003/04/08 10:20
26	7110	(optic\$4 near5 (waveguid\$4 or wir\$3)) and ((embed\$6 or surround\$5) near8 (waveguid\$5 or optic\$4 or light or region or portion))	USPAT; EPO; JPO; DERWENT	2003/04/08 10:21
31	12611	(sphere or (spherical\$2 near5 (device or surface or substrate))) and (electr\$4 near5 (device or wire or wiring))	USPAT; EPO; JPO; DERWENT	2003/04/08 10:21
36	182	((optic\$4 near5 (waveguid\$4 or wir\$3)) and ((embed\$6 or surround\$5) near8 (waveguid\$5 or optic\$4 or light or region or portion))) and ((sphere or (spherical\$2 near5 (device or surface or substrate))) and (electr\$4 near5 (device or wire or wiring)))	USPAT; EPO; JPO; DERWENT	2003/04/08 10:21
41	35	(250/208.1.ccls. 250/214.1.ccls. 250/214R.ccls. 250/227.11.ccls. 250/559.01.ccls. 257/80-82.ccls. 257/98-100.ccls. 257/432-434.ccls. 257/466.ccls. 257/680.ccls. 385/14.ccls. 385/18.ccls. 385/49-50.ccls.) and (((optic\$4 near5 (waveguid\$4 or wir\$3)) and ((embed\$6 or surround\$5) near8 (waveguid\$5 or optic\$4 or light or region or portion))) and ((sphere or (spherical\$2 near5 (device or surface or substrate))) and (electr\$4 near5 (device or wire or wiring))))	USPAT; EPO; JPO; DERWENT	2003/04/08 11:06
46	24143	pn near5 junction	USPAT; EPO; JPO; DERWENT	2003/04/08 11:06
51	43607	bias near5 circuit\$2	USPAT; EPO; JPO; DERWENT	2003/04/08 11:07
56	305448	amplif\$4 near5 signal\$4	USPAT; EPO; JPO; DERWENT	2003/04/08 11:09

61	3388	spher\$5 near5 substrate	USPAT; EPO; JPO; DERWENT	2003/04/08 11:09
66	1172	(pn near5 junction) and (bias near5 circuit\$2)	USPAT; EPO; JPO; DERWENT	2003/04/08 11:09
71	133	(amplif\$4 near5 signal\$4) and (spher\$5 near5 substrate)	USPAT; EPO; JPO; DERWENT	2003/04/08 11:09
76	4	((pn near5 junction) and (bias near5 circuit\$2)) and ((amplif\$4 near5 signal\$4) and (spher\$5 near5 substrate))	USPAT; EPO; JPO; DERWENT	2003/04/08 11:09
81	0	(250/208.1.ccls. 250/214.1.ccls. 250/214R.ccls. 250/227.11.ccls. 250/559.01.ccls. 257/80-82.ccls. 257/98-100.ccls. 257/432-434.ccls. 257/466.ccls. 257/680.ccls. 385/14.ccls. 385/18.ccls. 385/49-50.ccls.) and (((pn near5 junction) and (bias near5 circuit\$2)) and ((amplif\$4 near5 signal\$4) and (spher\$5 near5 substrate)))	USPAT; EPO; JPO; DERWENT	2003/04/08 11:10
86	402	((pn near5 junction) and (bias near5 circuit\$2)) and (amplif\$4 near5 signal\$4)	USPAT; EPO; JPO; DERWENT	2003/04/08 11:10
91	16	(250/208.1.ccls. 250/214.1.ccls. 250/214R.ccls. 250/227.11.ccls. 250/559.01.ccls. 257/80-82.ccls. 257/98-100.ccls. 257/432-434.ccls. 257/466.ccls. 257/680.ccls. 385/14.ccls. 385/18.ccls. 385/49-50.ccls.) and (((pn near5 junction) and (bias near5 circuit\$2)) and (amplif\$4 near5 signal\$4))	USPAT; EPO; JPO; DERWENT	2003/04/08 11:55
96	62	(250/208.1.ccls. 250/214.1.ccls. 250/214R.ccls. 250/227.11.ccls. 250/559.01.ccls. 257/80-82.ccls. 257/98-100.ccls. 257/432-434.ccls. 257/466.ccls. 257/680.ccls. 385/14.ccls. 385/18.ccls. 385/49-50.ccls.) and (spher\$5 near5 substrate)	USPAT; EPO; JPO; DERWENT	2003/04/08 11:41
101	5292	appl\$8 near5 (reverse near5 bias)	USPAT; EPO; JPO; DERWENT	2003/04/08 12:13
102	1806	(pn near5 junction) and (amplif\$4 near5 signal\$4)	USPAT; EPO; JPO; DERWENT	2003/04/08 11:56
107	4064	(apply\$3 or applies or applicat\$5 or circuit\$2) near5 (reverse near5 bias)	USPAT; EPO; JPO; DERWENT	2003/04/08 11:58
112	80	((pn near5 junction) and (amplif\$4 near5 signal\$4)) and ((apply\$3 or applies or applicat\$5 or circuit\$2) near5 (reverse near5 bias))	USPAT; EPO; JPO; DERWENT	2003/04/08 11:58

7 (250/208.1.ccls. 250/214.1.ccls.
250/214R.ccls. 250/227.11.ccls.
250/559.01.ccls. 257/80-82.ccls.
257/98-100.ccls. 257/432-434.ccls.
257/466.ccls. 257/680.ccls. 385/14.ccls.
385/18.ccls. 385/49-50.ccls.) and (((pn near5
junction) and (amplif\$4 near5 signal\$4)) and
((apply\$3 or applies or applicat\$5 or
circuit\$2) near5 (reverse near5 bias)))

USPAT;
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2003/04/08
11:58

L Number	Hits	Search Text	DB	Time stamp
1	11293	250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.	USPAT; EPO; JPO; DERWENT	2003/03/31 08:42
6	224038	(optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)	USPAT; EPO; JPO; DERWENT	2003/03/31 10:08
11	457570	light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)	USPAT; EPO; JPO; DERWENT	2003/03/31 08:47
16	469895	(embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)	USPAT; EPO; JPO; DERWENT	2003/03/31 08:48
21	63861	((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6))	USPAT; EPO; JPO; DERWENT	2003/03/31 08:49
26	18689	((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and (((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6))))	USPAT; EPO; JPO; DERWENT	2003/03/31 08:49
31	1148	(250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.) and (((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and (((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6))))	USPAT; EPO; JPO; DERWENT	2003/03/31 08:50
36	762	(two near5 dimension\$2) near5 waveguid\$5	USPAT; EPO; JPO; DERWENT	2003/03/31 08:51
41	55	((250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.) and (((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and (((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)))) and ((two near5 dimension\$2) near5 waveguid\$5)	USPAT; EPO; JPO; DERWENT	2003/03/31 09:30

46	316826	sphere or spherical\$2	USPAT; EPO; JPO; DERWENT	2003/03/31 09:31
51	105	(sphere or spherical\$2) and ((two near5 dimension\$2) near5 waveguid\$5)	USPAT; EPO; JPO; DERWENT	2003/03/31 09:31
56	30	((250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.) and (((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and (((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)))) and ((sphere or spherical\$2) and ((two near5 dimension\$2) near5 waveguid\$5))	USPAT; EPO; JPO; DERWENT	2003/03/31 09:31
61	410662	(optic\$4 or optoelectr\$7 or waveguid\$4) near5 (transmission or transmit\$6 or layer or device)	USPAT; EPO; JPO; DERWENT	2003/03/31 10:11
66	21371	(sphere or spherical\$2) and ((optic\$4 or optoelectr\$7 or waveguid\$4) near5 (transmission or transmit\$6 or layer or device))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:11
71	7244	((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and ((sphere or spherical\$2) and ((optic\$4 or optoelectr\$7 or waveguid\$4) near5 (transmission or transmit\$6 or layer or device)))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:11
76	283	(250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.) and (((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and ((sphere or spherical\$2) and ((optic\$4 or optoelectr\$7 or waveguid\$4) near5 (transmission or transmit\$6 or layer or device))))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:12

81	225	((250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.) and (((embed\$6 or surround\$5 or dispos\$5) near5 (within or inside or waveguid\$5 or optic\$4 or light)) and ((sphere or spherical\$2) and ((optic\$4 or optoelectr\$7 or waveguid\$4) near5 (transmission or transmit\$6 or layer or device)))) and (light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:13
86	43588	bias near5 circuit\$4	USPAT; EPO; JPO; DERWENT	2003/03/31 10:18
91	24106	pn near5 junction\$3	USPAT; EPO; JPO; DERWENT	2003/03/31 10:17
96	75073	(sphere or spherical\$2) near5 (surface or substrate)	USPAT; EPO; JPO; DERWENT	2003/03/31 10:15
116	0	(250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.) and ((bias near5 circuit\$4) and (pn near5 junction\$3) and ((sphere or spherical\$2) near5 (surface or substrate)))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:15
101	8	(bias near5 circuit\$4) and (pn near5 junction\$3) and ((sphere or spherical\$2) near5 (surface or substrate))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:16
121	409735	(pn near5 junction\$3) or ((multilayer or multi or layer) near5 film)	USPAT; EPO; JPO; DERWENT	2003/03/31 10:18
126	99264	bias near5 (appl\$5 or applicat\$4 or circuit\$4)	USPAT; EPO; JPO; DERWENT	2003/03/31 10:20
131	11269	((pn near5 junction\$3) or ((multilayer or multi or layer) near5 film)) and (bias near5 (appl\$5 or applicat\$4 or circuit\$4))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:20
136	1707	((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (((pn near5 junction\$3) or ((multilayer or multi or layer) near5 film)) and (bias near5 (appl\$5 or applicat\$4 or circuit\$4)))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:21
141	96	((sphere or spherical\$2) near5 (surface or substrate)) and (((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)) and (((pn near5 junction\$3) or ((multilayer or multi or layer) near5 film)) and (bias near5 (appl\$5 or applicat\$4 or circuit\$4))))	USPAT; EPO; JPO; DERWENT	2003/03/31 10:21

14 (250/227.11.ccls. 250/227.28-227.32.ccls.
250/214R.ccls. 385/14.ccls. 385/27.ccls.
385/39-42.ccls. 385/50.ccls.
356/337-338.ccls. 359/127.ccls.
359/154.ccls. 359/298-299.ccls.) and
(((sphere or spherical\$2) near5 (surface or
substrate)) and (((optic\$4 or waveguid\$4)
near5 (transmission or transmit\$6 or layer))
and (((pn near5 junction\$3) or ((multilayer or
multi or layer) near5 film)) and (bias near5
(appl\$5 or applicat\$4 or circuit\$4))))))

USPAT;
EPO; JPO;
DERWENT

2003/03/31
10:21

L Number	Hits	Search Text	DB	Time stamp
2	11292	250/227.11.ccls. 250/227.28-227.32.ccls. 250/214R.ccls. 385/14.ccls. 385/27.ccls. 385/39-42.ccls. 385/50.ccls. 356/337-338.ccls. 359/127.ccls. 359/154.ccls. 359/298-299.ccls.	USPAT; EPO; JPO; DERWENT	2003/03/28 15:35
7	87187	(optic\$4 or waveguid\$4) near5 layer	USPAT; EPO; JPO; DERWENT	2003/03/28 15:46
12	106302	wiring near5 (electric\$4 or layer)	USPAT; EPO; JPO; DERWENT	2003/03/28 15:37
17	1632	(light near5 (reception or receiv\$4 or sens\$4 or detect\$4)) near6 spher\$6	USPAT; EPO; JPO; DERWENT	2003/03/28 15:44
22	1133	((optic\$4 or waveguid\$4) near5 layer) and (wiring near5 (electric\$4 or layer))	USPAT; EPO; JPO; DERWENT	2003/03/28 15:42
27	1	((light near5 (reception or receiv\$4 or sens\$4 or detect\$4)) near6 spher\$6) and (((optic\$4 or waveguid\$4) near5 layer) and (wiring near5 (electric\$4 or layer)))	USPAT; EPO; JPO; DERWENT	2003/03/28 15:42
32	456026	light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)	USPAT; EPO; JPO; DERWENT	2003/03/28 15:46
37	223256	(optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)	USPAT; EPO; JPO; DERWENT	2003/03/28 15:47
42	63429	(light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)) and ((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer))	USPAT; EPO; JPO; DERWENT	2003/03/28 15:47
47	1025	(wiring near5 (electric\$4 or layer)) and ((light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)) and ((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)))	USPAT; EPO; JPO; DERWENT	2003/03/28 15:48
52	7430	(two adj dimension\$5) near5 (optic\$4 or waveguid\$4)	USPAT; EPO; JPO; DERWENT	2003/03/28 15:49
57	43	((wiring near5 (electric\$4 or layer)) and ((light near5 (reception or receiv\$4 or sens\$4 or detect\$4 or conver\$6)) and ((optic\$4 or waveguid\$4) near5 (transmission or transmit\$6 or layer)))) and ((two adj dimension\$5) near5 (optic\$4 or waveguid\$4))	USPAT; EPO; JPO; DERWENT	2003/03/28 15:51
62	36448	(embed\$6 or surround\$5) near5 (waveguid\$5 or optic\$4 or light)	USPAT; EPO; JPO; DERWENT	2003/03/28 15:57

8 (((wiring near5 (electric\$4 or layer)) and
((light near5 (reception or receiv\$4 or
sens\$4 or detect\$4 or conver\$6)) and
((optic\$4 or waveguid\$4) near5
(transmission or transmit\$6 or layer)))) and
((two adj dimension\$5) near5 (optic\$4 or
waveguid\$4))) and ((embed\$6 or
surround\$5) near5 (waveguid\$5 or optic\$4
or light))

USPAT;
EPO; JPO;
DERWENT

2003/03/28
15:57